

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An electro-optical device comprising:

a first substrate and a second substrate having an electro-optical material disposed between the first substrate and the second substrate ~~thereon~~; and

a plurality of wires including routing wire portions formed in a first region of the first substrate outside of a second region of the first substrate, the second region overlapping the second substrate ~~opposing the electro-optical material~~;

wherein the routing wire portion of each of the plurality of wires has a first portion and a second portion, and the second portion is disposed on the first region, has ~~having~~ a smaller width than the first portion and is capable of being inspected.

2. (Original) An electro-optical device according to Claim 1, further comprising:

a driver IC mounted in the first region of the substrate, and supplying output signals to individual members of the plurality of wires.

3. (Original) An electro-optical device according to Claim 1, further comprising:

a plurality of first electrodes and a plurality of second electrodes, the second electrodes being located on one side of the first electrodes, sandwiching the electro-optical material therebetween and extending in a direction for intersecting with the first electrodes,

wherein one of the first and second electrodes connected to the wires has more electrodes than the other .

4. (Original) An electro-optical device according to Claim 1, further comprising:

a pixel constructed by a plurality of sub-pixels individually corresponding to different colors; and

color filters corresponding to the respective sub-pixels.

5. (Original) An electro-optical device according to Claim 1, wherein the plurality of wires have a first layer and a second layer, the second layer having a resistance value lower than that of the first layer, and

the second layer is formed to correspond at least to the second portions of the wires.

6. (Original) An electro-optical device according to Claim 5, wherein the first layer comprises a metal oxide film, and the second layer comprises a metal film.
7. (Original) An electro-optical device according to Claim 6, further comprising
an electrode formed on the substrate and used for applying a voltage to the electro-optical material,
wherein the first layer is formed of the same layer as that of the electrode.
8. (Original) An electro-optical device according to Claim 5, wherein the second layer is formed outside of the first region where the wires and the driver IC are connected.
9. (Original) An electro-optical device according to Claim 1, wherein the second portions are substantially aligned.
10. (Original) An electro-optical device according to Claim 1, wherein the electro-optical material further comprises liquid crystal disposed between the substrate and another substrate attached together through a sealing member.

11. (Original) An electro-optical device according to Claim 10, wherein the plurality of wires have a first layer and a second layer, the second layer having a resistance value lower than that of the first layer, and the second layer is formed corresponding at least to the second portions of the wires and outside of a region of the substrate where the sealing member is formed.

12. (Original) An electro-optical device according to Claim 1, wherein the electro-optical material further comprises an Electro-Luminescence layer.

13. (Currently Amended) An electro-optical device comprising:
a first substrate and a second substrate having an electro-optical material disposed between the first substrate and the second substrate ~~thereon~~; and
a plurality of wires having routing wire portions formed in a first region of the first substrate other than a second region of the first substrate, the second region overlapping the second substrate ~~opposing the electro-optical material~~;
wherein the routing wire portion of each of the plurality of wires has a first portion and a second portion disposed on the first region; and
an interval of adjacent routing wire portions in the second portions is larger than an interval of the adjacent routing wire portions in the first portions to permit inspection.

14. (Currently Amended) Electronic equipment including an electro-optical device as a display unit thereof, the electro-optical device comprising:

a first substrate and a second substrate having an electro-optical material disposed between the first substrate and the second substrate ~~thereon~~; and

a plurality of wires having routing wire portions formed in a first region of the first substrate other than a second region of the first substrate, the second region overlapping the second substrate ~~opposing the electro-optical material~~;

wherein the routing wire portion of each of the plurality of wires has a first portion and a second portion, the second portion disposed on the first region having a width smaller than that of the first portion to permit inspection.

15. (Original) Electronic equipment according to Claim 14, further comprising a driver IC mounted in the first region of the substrate, and supplying output signals to individual members of the plurality of wires.

16. (Original) Electronic equipment according to Claim 14, wherein the second portions are substantially aligned.

17. (Currently Amended) Electronic equipment including an electro-optical device as a display unit thereof, the electro-optical device comprising:

a first substrate and a second substrate having an electro-optical material disposed thereon; and

a plurality of wires having routing wire portions formed in a first region of the first substrate other than a second region of the first substrate, the second region overlapping the second substrate ~~opposing the electro-optical material~~;

wherein the routing wire portion of each of the wires has a first portion and a second portion disposed on the first region; and

an interval of adjacent routing wire portions in the second portions is larger than an interval of adjacent routing wire portions in the first portions to permit inspection.

18-20. (Cancelled)

21. (New) The electro-optical device of Claim 1, wherein the first region projects from the second region.

22. (New) The electro-optical device of Claim 13, wherein the first region projects from the second region.

23. (New) The electro-optical device of Claim 1, wherein
the second portion is capable of contacting inspection terminals.

24. (New) The electro-optical device of Claim 13, wherein
the second portion is capable of contacting inspection terminals.
- 25 (New) The electro-optical device of Claim 14, wherein
the second portion is capable of contacting inspection terminals.
26. (New) The electro-optical device of claim 17, wherein
the second portion is capable of contacting inspection terminals.
27. (New) An electro-optical device comprising:
a first substrate and a second substrate having an electro-optical material
disposed between the first substrate and the second substrate; and
a plurality of wires including routing wire portions formed in a first region of
the first substrate outside of a second region of the first substrate, the second region
overlapping the second substrate;
wherein the routing wire portion of each of the plurality of wires has a first
portion and a second portion, and the second portion is disposed on the first region, has
a smaller width than the first portion and is capable of being inspected;
wherein the plurality of wires have a first layer and a second layer, the
second layer having a resistance value lower than that of the first layer, and
wherein the second layer is formed to correspond at least to the second
portions of the wires.

28. (New) The electro-optical device of Claim 27, wherein
the first layer comprises a metal oxide film, and the second layer
comprises a metal film.
29. (New) The electro-optical device of Claim 28, further comprising:
an electrode formed on the first substrate and used for applying a voltage
to the electro-optical material,
wherein the first layer is formed of the same layer as that of the electrode.
30. (New) The electro-optical device of Claim 27, wherein
the second layer is formed outside of the first region where the wires and
a driver IC are connected.
31. (New) The electro-optical device of Claim 27, wherein
the plurality of wires have a first layer and a second layer, the second
layer having a resistance value lower than that of the first layer, and
the second layer is formed corresponding at least to the second portions
of the wires and outside of a region of the first substrate where a sealing member is
formed.